



## Graphitic Carbon Nitride for Environmental Photocatalysis

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**closed (31 August 2019)**

### Message from the Guest Editor

Dear colleagues,

Graphitic carbon nitride ( $g\text{-C}_3\text{N}_4$ ) has attracted the attention of many researchers from all over the world as a metal-free polymeric semiconducting material.

The investigation of photocatalytic properties of  $g\text{-C}_3\text{N}_4$  is very topical due to its physico-chemical properties. However, photocatalytic applications are limited by a fast recombination of photoinduced electrons and holes. This can be overcome via the doping of  $g\text{-C}_3\text{N}_4$  structures with metals and non-metals, by coupling with metal and semiconductor nanoparticles forming heterojunction photocatalysts. Nowadays, many research groups deal with these problems in order to develop efficient and environmentally friendly  $g\text{-C}_3\text{N}_4$ -based photocatalysts.

It is my great pleasure to invite you to submit a manuscript to this Special Issue concerning the application of  $g\text{-C}_3\text{N}_4$  and its composites in environmental photocatalysis. Full papers, communications, and reviews are all welcome.

Prof. Dr. Petr Praus  
*Guest Editor*





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